

## Spring Loaded Check Valves (SLC)

These spring loaded check valves are normally closed with a straight flow poppet design, allowing free flow in one direction, while preventing flow in the opposite direction.

The internal spring enhances the sealing and the immediate closing properties of the check valve.

Being spring loaded these check valves are suitable for installation in any position, horizontal, vertical or otherwise.



Fig. 1

### Materials

Body	Spring	Seat	Wetted Moving Parts
Nickel Plated Forged Brass (Fig.1)	S.S.302	NBR	Brass
S.S.316, ASTM A351, CF8M (Fig.2)	S.S.316	NBR	S.S.316
Nickel Al. Bronze C63000 (Fig.3)	Inconel 625	NBR	Ni.Al. Bronze

### Pressure Rating

- 25 bar / 365psi

### End Connections

- 3/8 or 1/2" NPT (F)

### Cracking Pressure

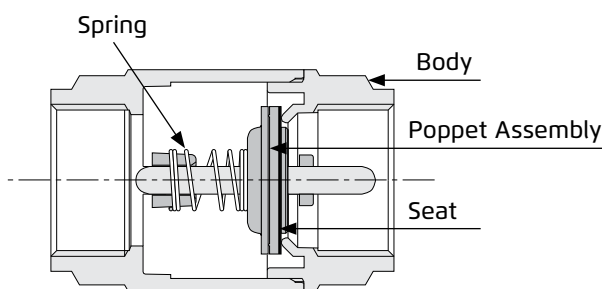
- Spring cracking pressure: 0.02-0.03 bar / 0.3-0.5psi



Fig. 2



Fig. 3



Spring Loaded Check Valve  
general construction

(for illustration only)